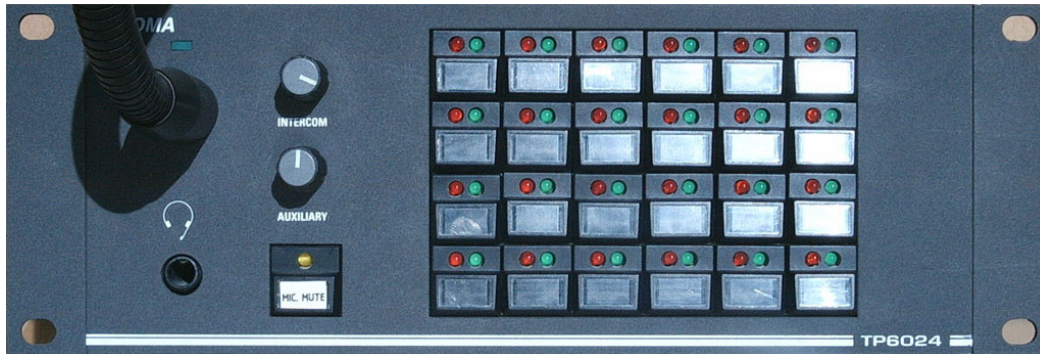
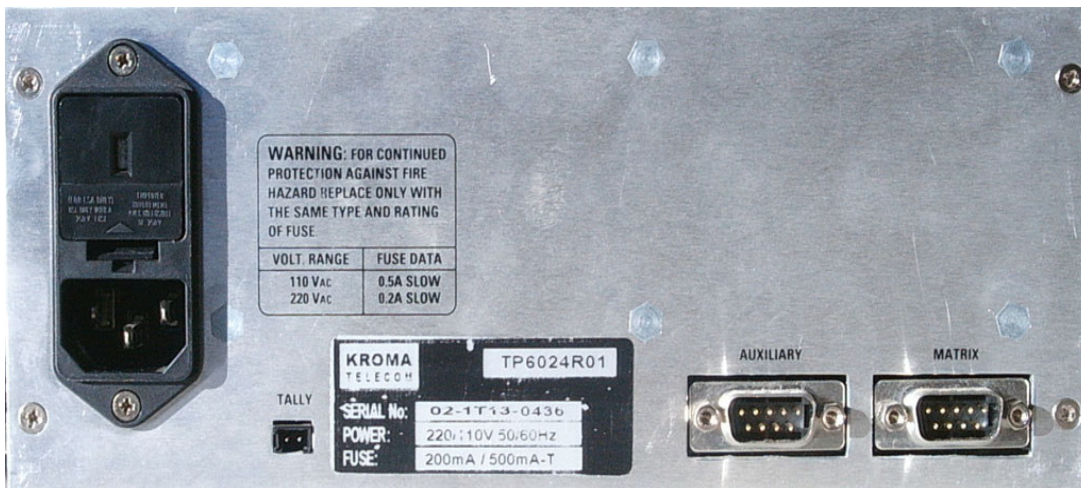


KROMA TELECOM

TP6024 – Analogue User Panel



TP6024 is a 24-key user panel with 2RU and half rack. at the front panel we might find its eight crosspoint keys with double led (for command and communication indications) and space for labels, mute key with led, main volume potentiometer, aux volume potentiometer, jack connector for headset, microphone and built-in speaker.



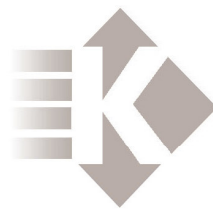
At the rear panel, we might find: Mains plug, tally I/O and two 9-pin SubD connector (connection to matrix and an aux analogue I/O).

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Main features:

- Locally powered so the distance covered is longer. Cable used is of three-shielded-pair type.
- Audio signals are balanced. Preset audio levels are adjusted to avoid feedback.
- Thru Map6000, each key can be assigned to a command. Keys work in latching or PTT mode or both.
- Microphone is provided with the user panel.
- Tally is activated with a 24-48v tension and can be programmed as if a key.
- Auxiliary Analogue I/O can be used for on-air monitoring (return programme signal).

- MICROPHONE

Type:	LEM DU112 CNO ST, dynamic, unidirectional
Frequency response:	140 Hz - 12 kHz
Sensitivity:	- 1.9 mV/Pa
Impedance:	500Ohm

- MICROPHONE AMPLIFIER

Output type:	Balanced
Output impedance:	600 Ohm
Nominal level:	+ 6 dBV (start compression)
Frequency response:	20 Hz ... 10 kHz (-3 dB)
Distortion + noise (THD+N/S):	- 63.5 dB @ 0 Dbv

- COMPRESSOR

Starting	5 mSeg	63.2 %
Raising	250 mSeg	63.2 %

- LOUDSPEAKER AMPLIFIER OUTPUT

Input type:	Balanced
Maximum sign input before Clipping:	16.5 dBV
Input impedance:	30 Kohm
Maximum power output:	5W R.H.S.
Frequency response:	540 Hz ... 20 kHz (-3 dB)
Distortion + noise (THD+N/S):	- 70 dB @ 1 W
C.M.R.R.:	70 dB (typ)

- LOUDSPEAKER

Type elliptic	5" x 3"
Impedance:	8 Ohm

- CONTROL PORT:

RS-422/19.200 bps or PDM

- GENERAL

Supply voltage:	110 V / 220 V AC \pm 10 %
Consumption:	Max. 22 VA
Operating temperature:	0 \div 50 $^{\circ}$ C
Size (width x Height x Depth) and weight:	220 x 88 x 160 mm and 0.8kg

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